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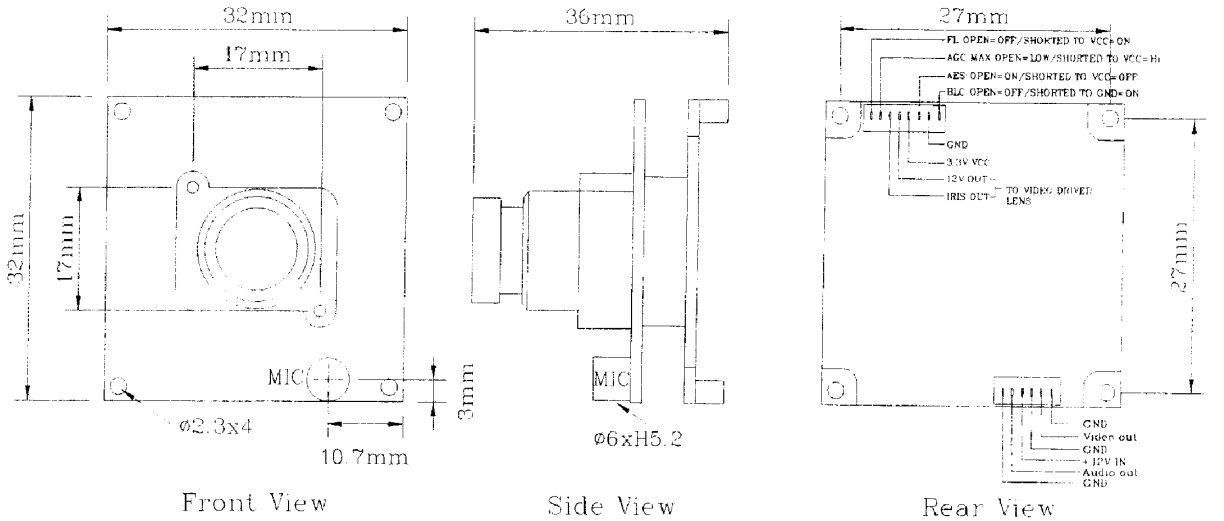
Ameba 1/4" COLOR CCD PC Board DSP CAMERA

MODEL: CC-9404

Jameco Part Number 213436



FEATURES

- ❑ COLOR camera PCB Module with SONY 1/4" Super HAD CCD sensor.
- ❑ Employs Digital Signal Processor (DSP) IC for image control.
- ❑ Pixel number : NTSC=270,000 / PAL=320,000.
- ❑ High sensitivity, low smear, excellent anti-blooming, and high S/N ratio.
- ❑ Supports functions: Auto Electronic Shutter (AES), Auto Iris Control (AIC), Auto Gain Control (AGC), Auto White Balance (AWB), Back Light Compensation (BLC), Flicker Less (FL), built-in Audio (optional).
- ❑ Built-in anti-aliasing and IR-cut optical filter.
- ❑ Furnished with Mini Lens.
- ❑ Furnished with power and signals connect wire.
- ❑ DC type, low power consumption. Economical, aesthetic.

SPECIFICATIONS *(Note: Design and specifications are subject to change without prior notice.)*

Image Pick-up Device	SONY 1/4" interline transfer CCD sensor
Effective Picture Elements	NTSC:510*492, PAL: 500*582 (H*V)
Horizontal Resolution	330 TV lines
Minimum Illumination	0.5 LUX @ F2.0
S/N Ratio	More than 48 dB
Auto Electronic Shutter	NTSC:1/60s~1/100,000s, PAL:1/50s~1/110,000s. ON / OFF Switch-able.
Auto Iris Control	Video-Drive Iris Control.
Auto Gain Control	High / Low Switch-able.
Auto White Balance	Color Temperature: 2500K~9500K.
Back Light Compensation	ON / OFF Switch-able.
Flicker Less Mode	ON/OFF Switch-able. Fix shutter speed: NTSC=1/100s, PAL=1/120s.
Gama Characteristic	0.45
Synchronous System	Internal, Negative sync.
Video Output	1 Vp-p / 75 Ohms.
Audio Function (optional)	2 Vp-p / 50 Ohms.
Power Supply	12V DC ± 10%
Power Consumption	1.44W / 120mA
Lens Furnished	Board lens f 3.6 mm / F2.0
Operating Temp.	-10℃ to 50℃ (14℉ to 122℉)

Power Jack Male	Center Positive (Fig.1)
BNC Connector	Female Jack (Fig. 1)
4 Pin Housing	Female (Fig. 2) Red Wire (+DC12) (Power Jack) Black Wire (-DC12) (Power Jack) Blue Wire (+Video) (BNC) Black Wire (-Video) (BNC)

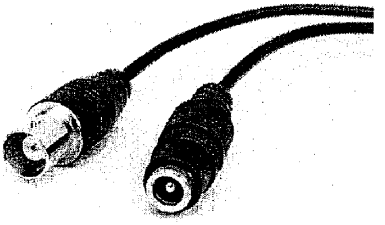


Figure 1

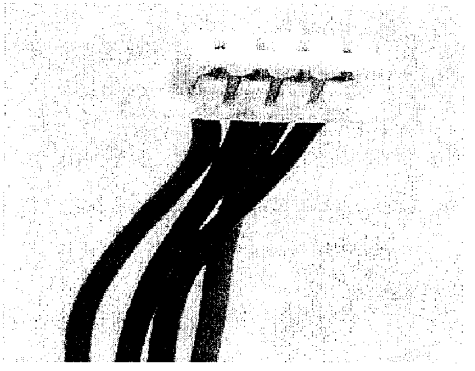


Figure 2